

TEGO® Dispers 695**DESCRIPTION**

TEGO® Dispers 695 is a highly polymeric pigment wetting and dispersing additive for radiation-curing and solventborne inks. It stabilizes all kinds of pigments, especially organic and carbon blacks pigments with outstanding viscosity reduction and color strength.

KEY BENEFITS

- recommended for radiation-curing and solventborne printing inks
- outstanding performance even with critical organic pigments
- excellent viscosity reduction

EFFECT**Viscosity reduction with organic pigments/carbon blacks****Color intensity/gloss with organic pigments/carbon blacks****Viscosity reduction with inorganic pigments/fillers****Color intensity/gloss with inorganic pigments/fillers****SUITABILITY**

waterborne	solventborne
●	●
radiation-curing	direct grind
●	●
resin-containing pigment concentrates	resin-free pigment concentrates
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Printing Inks
- Inkjet Inks

TECHNICAL DATA

acid value (as supplied)	Approx. 15 mg KOH/g
active matter content	100 %
amine value (as supplied)	Approx. 44 mg KOH/g
appearance	clear to hazy liquid
chemical description	high molecular weight polymer
viscosity at 25 °C	Approx. 60,000 mPas

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 2.0 - 15.0 %
 As supplied calculated on organic pigment: 5.0 - 15.0 %
 As supplied calculated on carbon black: 15.0 - 40.0 %
 Recommended addition level for co-grind: 0.1 - 3.0 %

PROCESSING INSTRUCTIONS

- Addition under stirring to monomer/oligomer blend or solvent.
- Add to the grind before dispersion.

HANDLING & STORAGE

- Keep away from freezing.
- When stored in an original unopened packaging, the product has a shelf life of 60 months from the date of manufacture.

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